### Results based on 18652 survey(s).

Note: Survey responses are based upon the number of individuals that responded to the specific question.

What grade are you in?			
Posnonco	# of	% of	National %
nespuise	Responses	Responses	National /
Grade 9	5664	30%	29%
Grade 10	4823	26%	25%
Grade 11	3989	21%	23%
Grade 12	4012	22%	23%
Alternative program or other	96	0%	1%
Gender			
Posnonco	# of	% of	National %
nesponse	Responses	Responses	National 70
Girl	9791	53%	51%
Boy	8730	47%	49%
How would you rate your technology skills compared to other students in you	r class?		
Response	# of	% of	National %
Response	Responses	Responses	National 70
Advanced - I know more than others	5168	28%	28%
Average - I know about the same as others	12758	69%	67%
Beginner - I am still learning how to use technology	633	3%	4%
What class format best represents the majority of your classes this year?			
Response	# of	% of	National %
Response	Responses	Responses	National 70
Traditional classroom - teacher and students together in a physical classroom	12506	67%	66%
Blended learning class where part of the time I am in an online learning			
environment and other times I am in a traditional face-to-face class away from	4534	24%	23%
home (like a school)			
	Grade 9 Grade 10 Grade 11 Grade 12 Alternative program or other Gender  Response  Girl Boy How would you rate your technology skills compared to other students in your Response  Advanced - I know more than others Average - I know about the same as others Beginner - I am still learning how to use technology What class format best represents the majority of your classes this year?  Response  Traditional classroom - teacher and students together in a physical classroom Blended learning class where part of the time I am in an online learning environment and other times I am in a traditional face-to-face class away from	Response Grade 9 Grade 10 Grade 11 Grade 12 Alternative program or other Gender  Response  Girl Response  Girl Response  Girl Boy Boy Boy How would you rate your technology skills compared to other students in your class?  Response  Advanced - I know more than others Advanced - I know more than others  Advanced - I know about the same as others Advanced - I know about the same as others Beginner - I am still learning how to use technology  Response  Traditional classroom - teacher and students together in a physical classroom  Head as a first of Response  Traditional classroom - teacher and students together in a physical classroom  12506 Blended learning class where part of the time I am in an online learning environment and other times I am in a traditional face-to-face class away from  4534	Response         # of Response Res

#### Other 320 2%

Which of these things do you do regularly using technology for schoolwork? (Check all that apply)

Flipped class where students watch/listen to lectures or lessons at home and

then use class time to do projects and get homework help

Virtual class where my learning is done fully online

Response	# of Responses	% of Responses	National %
Use a school portal for information like grades or to upload homework	13554	73%	71%
Post to class blogs or class discussion board	4682	25%	25%
Use online textbooks	8393	45%	42%
Take tests or quizzes online	11694	63%	58%
Use educational mobile apps (like graphing calculator, language translator, vocabulary lists)	9533	52%	49%
Use Internet-based services (like Google drive, Dropbox, Turnitin.com)	13509	73%	68%
Create presentations	13895	75%	70%
Take photos of school assignments or textbook pages	9090	49%	47%
Text message other students for class or homework help	9308	50%	52%
Text message my teacher with class or homework related questions	2876	16%	17%
		Dogo	1 of 16

910

255

5%

1%

6%

3%

2%

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Use email to communicate with my teachers	10651	58%	55%
Use my social networking sites to collaborate with classmates on a project (like Facebook, Twitter)	3890	21%	26%
Find online video lessons to help with homework/studying (like YouTube, Kahn Academy)	6746	37%	41%
Watch an online video created by my teacher	4907	27%	28%
Listen to an audio recording or audio book	3440	19%	19%
Use digital study games (like Quizlet, Coolmath.com)	9342	51%	43%
Post content I create online (like writings, videos, artwork)	3312	18%	18%

6 What obstacles do you face using technology at your school? (Check all that apply)

, , , , ,	11 //		
Response	# of Responses	% of Responses	National %
Cannot use the school Internet with my mobile device	6119	35%	35%
Not allowed to go on social media (like Twitter or Facebook)	11352	64%	58%
Not allowed to text message with classmates	7323	42%	43%
Not allowed to use any of my mobile devices on campus	3714	21%	24%
Not enough computers or they don't often work	5470	31%	28%
I cannot get online when I am at school	2235	13%	15%
Websites that I need for schoolwork are blocked (through school filters or firewalls)	11063	63%	51%
Internet speed is too slow	10344	59%	51%
Teachers don't know how to use the technology	4874	28%	22%
Teachers limit our technology use	7467	42%	40%
Too many rules against using technology	8767	50%	47%
Too much fear about the dangers of the Internet	4615	26%	24%
Concerns about how my school is protecting my personal data	3548	20%	19%
Technology is not needed to complete my assignments	1876	11%	9%
I rarely use technology at my school	1245	7%	9%
No obstacles	1019	6%	9%

# How often do school filters or firewalls block you from using websites that you want to use for school assignments or projects?

Response	# of	% of	National %	
	nesponse	Responses	Responses	National 70
	Never	444	3%	7%
	Rarely	1790	10%	16%
	Sometimes	5491	32%	31%
	Often	6132	36%	28%
	All of the time	3351	19%	18%

# Which of these mobile devices do you have for your own use (but not provided to you by your school)? (Check all that apply)

Response	# of	% of	National %
пезропае	Responses	Responses	National 76
A phone with no Internet	2348	14%	14%
A Smartphone with Internet (like iPhone, Samsung Galaxy)	14381	83%	82%
Laptop	8477	49%	51%
2-in-1 laptop (a laptop that can turn into a tablet)	1055	6%	8%
Web-based laptop (like a Chromebook)	890	5%	7%
Tablet (like an iPad)	6856	40%	38%
Digital reader (like Kindle, Nook)	3141	18%	17%

### 9 What kind of Internet access do you have at home? (Check all that apply)

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Dagnanga	# of	% of	National %
Response	Responses	Responses	National %
A slow Internet connection (like dialup through a landline)	1202	7%	7%
A fast Internet connection (like DSL, Broadband, or cable)	7696	44%	45%
A WiFi connection	13798	79%	78%
A mobile data plan (like 3G/4G/LTE)	9316	53%	52%
No home access. I use free Internet (like the public library, after school program, or WiFi hotspot)	1059	6%	6%

10 Imagine that you were going to design the ideal mobile app for your class or school. What types of features or functionality should your mobile app have? (Check all that apply)

Dormance	# of	% of	National %
Response	Responses	Responses	National %
Interactive school calendar	12897	74%	71%
Class schedule organizer	13338	77%	74%
Sports schedules and scores	12130	70%	66%
School information (like contact information, student handbook)	12625	72%	69%
School newsfeed	10585	61%	59%
Emergency alerts (like school closures)	14216	82%	74%
Notifications (like upcoming tests or due dates)	14816	85%	81%
Student portal to access grades and assignments	13723	79%	76%
Interactive forms for parents (report absences, permission slips)	8449	49%	44%
Parent portal (PTA information)	6027	35%	34%
School payment system	8662	50%	42%
Lunch menus	13328	77%	66%
Ability to connect with teachers	12446	71%	67%
Class group messages	11276	65%	64%
Tip line to report concerns (like bullying, cheating)	9148	53%	47%
Mental health/crisis hotline	7541	43%	40%
Links to school social media accounts	7992	46%	43%
Study games or apps	12045	69%	64%
Photo gallery	8182	47%	48%
Book list	7628	44%	41%
Other	861	5%	6%

How important do you think it is for every student to be able to use a mobile device like a laptop, tablet, or Chromebook during the school day to support schoolwork?

Response	# of	% of	National %
response	Responses	Responses	National %
Very unimportant	870	5%	6%
Unimportant	631	4%	3%
Neither important nor unimportant	3263	19%	17%
Important	6935	41%	39%
Very important	5212	31%	35%

12 Which of these are true for you most of the time when you are at school? (Check all that apply)

Parmanca	# of	% of	National %
Response	Responses I	Responses	National %
I use my own own cell phone or smartphone in class to help with schoolwork	9527	56%	58%
I use a laptop in class that is provided by my school	4764	28%	32%
I use a tablet in class that is provided by my school	3534	21%	14%
I use a Chromebook in class that is provided by my school	1965	12%	16%
I use computers in the computer lab, library, or media center to help with schoolwork	7422	44%	44%

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I do not regularly use technology when I am at school	1612	10%	13%
What would be the BEST device to use for each of these schoolwork tasks?			
Write a report			
Response	# of	% of	National %
	Responses	Responses	
Smartphone	355	2%	4%
Laptop	15511	92%	91%
Tablet	876	5%	4%
Digital Reader	58	0%	1%
Take notes			
Response	# of	% of	National %
Smartphone	Responses 2057	Responses 12%	17%
Laptop	8706	52%	52%
Tablet	5697	34%	29%
Digital Reader	188	1%	2%
Take an online test	100	1/0	2/0
Take all Ollille test	# of	% of	
Response	Responses	Responses	National %
Smartphone	625	4%	6%
Laptop	12169	73%	79%
Tablet	3694	22%	14%
Digital Reader	79	0%	1%
Create a PowerPoint		0,0	_,,
	# of	% of	
Response	Responses	Responses	National %
Smartphone	319	2%	3%
Laptop	14559	87%	89%
Tablet	1808	11%	7%
Digital Reader	49	0%	1%
Create a video			
Response	# of	% of	National %
	Responses	Responses	
Smartphone	5569	33%	35%
Laptop	5947	36%	44%
Tablet	5011	30%	19%
Digital Reader	94	1%	1%
Access an online textbook			
Response	# of	% of	National %
Smartphone	Responses 1800	Responses 11%	12%
Laptop	7259	44%	50%
Tablet	5723	34%	26%
Digital Reader	1881	11%	12%
Research online	1001	11/0	12/0
Research online	# of	% of	
Response	Responses	Responses	National %
Smartphone	2910	17%	21%
Laptop	10151	61%	62%
Tablet		21%	15%
	3471	21%	1570
Digital Reader	158	1%	13%

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### **Read online articles**

Response	# of Responses	% of Responses	National %
Smartphone	3121	19%	22%
Laptop	6393	38%	41%
Tablet	5259	31%	24%
Digital Reader	1938	12%	12%
Check grades			
Response	# of Responses	% of Responses	National %
Smartphone	7969	48%	52%
Laptop	5400	32%	35%
Tablet	3305	20%	13%
Digital Reader	54	0%	1%
Watch a video (YouTube)			
Response	# of Responses	% of Responses	National %
Smartphone	6167	37%	40%
Laptop	5625	34%	37%
Tablet	4891	29%	23%
Digital Reader	56	0%	0%
Take an online class			
Response	# of	% of	National %
	Responses	Responses	
Smartphone	331	2%	4%
Laptop Tablet	14675 1571	88% 9%	89% 7%
Digital Reader	51	0%	1%
Connect with classmates	31	070	1/0
	# of	% of	
Response	Responses	Responses	National %
Smartphone	12174	73%	74%
Laptop	2704	16%	18%
Tablet	1808	11%	7%
Digital Reader	47	0%	0%
Connect with teachers			
Response	# of Responses	% of Responses	National %
Smartphone	8127	49%	51%
Laptop	5807	35%	38%
Tablet	2602	16%	10%
Digital Reader	64	0%	1%
Work on a school project with a group			
Response	# of Responses	% of Responses	National %
Smartphone	2394	14%	15%
·	10535	63%	70%
Laptop			
Tablet	3697	22%	14%
		22% 0%	14% 1%
Tablet	3697		
Tablet Digital Reader	3697		

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Smartphone	12333	74%	72%
Laptop	2647	16%	19%
Tablet	1634	10%	8%
Digital Reader	84	0%	1%

14 If you could take a fully online or virtual class in any school subject, what subjects would you like to take online? (Check all that apply)

Response	# of	% of	National %
Nessponse	Responses	Responses	National 70
Career Technical Education classes	2815	17%	20%
Computer Science/Programming	4301	25%	27%
Digital media production	3365	20%	22%
English/Language Arts	4347	26%	25%
Health	5508	32%	26%
Journalism or Yearbook	2224	13%	15%
Math	4204	25%	25%
Physical Education	3483	20%	15%
Science	3460	20%	23%
Social Studies/History	4353	26%	24%
Visual or performing arts	1737	10%	13%
World or foreign languages	3714	22%	24%
All of my classes	1966	12%	13%
None of my classes	3178	19%	19%
I have already taken an online class in one or more of these subjects	2624	15%	11%

How important do you think it is for every student to take a fully online or virtual class before graduating from high school?

Decrease	# of	% of	National %
Response	Responses	Responses	National %
Very unimportant	2068	12%	12%
Unimportant	2928	17%	16%
Neither important nor unimportant	7325	43%	41%
Important	3365	20%	21%
Very important	1306	8%	9%

In some schools, there is a new type of classroom format called blended learning. With blended learning, students spend part of the week in a traditional teacher led class at a school and the rest of the week in an online learning environment where the student controls the time, place, path, and/or pace of their learning. Do you think that this would be a good way for you to learn?

Documento	# of	% of	National %
Response	Responses	Responses	National %
Yes	10277	62%	61%
No	6313	38%	39%

Many people around the world are interested in having more students pursue careers in science, technology, math, or engineering. Are you interested in a job or career in any of these fields?

Response	# of	% of	National %
пезропзе	Responses	Responses	National %
Not at all interested	2899	18%	16%
Somewhat uninterested	1702	10%	10%
Neither interested nor uninterested	2391	15%	15%
Somewhat interested	4970	30%	31%
Very interested (c) 2015. Project Tomorrow	4472	27%	28%

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### 18 How would you like to explore future careers or get prepared for a future job? (Check all that apply)

Response	# of Responses	% of Responses	National %
Take career preparation classes at school or a local college or trade school	10050	61%	62%
Take field trips to visit companies and meet successful role models	11531	70%	67%
Learn about careers through social media like Twitter and Facebook	4614	28%	29%
Learn from teachers who have worked in the professional field	9024	55%	55%
Let career professionals teach lessons at school	9423	57%	57%
Play an online, video, or digital game about a career	5393	33%	33%
Use a quiz to identify my career interests or strengths	7993	49%	47%
Natch "Day in the Life" videos about different jobs	6779	41%	40%
Jse mobile apps or websites to explore careers	7341	45%	43%
Participate in science and math competitions	2348	14%	18%
Work with mentors who can help me with my college and career planning	9026	55%	55%
Get real life experience (like working a part-time job, internship, or volunteering)	12472	76%	71%
Go to summer camp (like space camp)	4134	25%	29%
Use technology tools to make things (like 3D printers and maker software)	4762	29%	31%

# If your school offered a class or after school activity to learn how to do computer programming or coding, how interested would you be in that?

Desnoyee	# of	% of	National %
Response	Responses	Responses	National %
Not at all interested	4869	30%	24%
Somewhat uninterested	2018	12%	12%
Neither interested nor uninterested	2457	15%	15%
Somewhat interested	3995	24%	27%
Very interested	2329	14%	17%
Already doing that	685	4%	5%

## 20 How often do you access these social media tools or online activities in your free time (not for schoolwork)?

#### **Facebook**

racebook			
Response	# of	% of	National 9
Кезропзе	Responses	Responses	ivational ,
Never	4787	29%	289
Rarely	3150	19%	19%
Sometimes	2989	18%	19%
Often	2747	17%	179
All of the time	2640	16%	169
Instagram			
Response	# of	% of	National 5
nesponse	Responses	Responses	National /
Never	3869	24%	25%
Rarely	934	6%	79
Sometimes	1443	9%	119
Often	3630	22%	229
All of the time	6424	39%	35%
Pinterest			
Documento	# of	% of	National 5
Response	Responses	Responses	National
Never	9247	58%	619
k IIn 2014		Page	7 of 16

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# Speak Up 2014 State Data Grade 9-12

Sometimes         1863         12%         11           Often         1482         9%         8           All of the time         1644         10%         9           Snapchat         seponse         Response         Response         Response         Response         Response         Response         Response         8         8           Sometimes         2127         13%         12         20         <				
Often         148         9%         8           All of te time         164         10%         9           Snapchat         Regions         Response         1219         8%         8         12         2	Rarely	1761	11%	11%
All of the time         Toaghout         Toaghout         Toaghout         All of the time         % 50 mode (Response)         Seponse         % 50 mode (Response)         All of the time         % 50 mode (Response)         All of the time         2 mode (Response)         2 mode (Response)         2 mode (Response)         3 mode (Response)         3 mode (Response)         3 mode (Response)         3 mode (Response)         4 mode (Response)				11%
Response         # of Response Res				8%
Response         Responses         Responses         Responses         National Responses         Responses         National Response		1644	10%	9%
Never         4025         25%         26           Rarely         1298         3%         12           Often         3513         22%         20           All of the time         569         33         33           Tumbir         Tumbir         8         6         6         8         33         33           Never         10715         67%         655         8         6         6         8         6	Response			National %
Rarely         1298         8%         88           Sometimes         2127         13%         12           Often         3513         22%         233           Tumbir           Response         # of Responses         Response         Response         Response         Response         Response         Response         Response         1015         9%         10           Sometimes         1262         3%         18         0         10	Never			26%
Sometimes         2127         1338         122           Often         3513         22%         20           All of the time         5269         3232         20           Tumblr         2500         3250         3252         32           Response         8 for Response         8 for Response         6 for Response         6 for Seponse         6 for Seponse<	Rarely			8%
All of the time         5269         32%         33           Tumble         # stor         % to mesponse	·	2127	13%	12%
Response         # 6 sponses         Response Responses         Never Responses         Responses Responses         Nevers Responses         Nevers Responses         Nevers Responses         101715         6.075         6.05           Sometimes         1262         8.08         1.08	Often	3513	22%	20%
Response         # of Response Res	All of the time	5269	32%	33%
Response         Response         Response         National           Never         10715         67%         55           Sometimes         1262         8%         8           Often         938         6%         6           All of the time         1564         10%         11           Twitter         7         8         8         8         8         8         8         8         8         8         8         8         6         6         6         6         6         6         6         6         6         6         6         6         6         8         8         8         8         8         8         8         8         8         8         8         8         8         8         6         6         6         6         8         8         8         8         8         8         8         8         8         8         8         8         8         4         4         10         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11<	Tumblr			
Never         10715         67%         65           Rarely         1512         9%         10           Sometimes         1262         8%         8           Often         938         6%         6           All of the time         1564         10%         11           Twitter           Response         # for         Kof         Notional           Rever         6753         42%         44           Rarely         1644         10%         11           Sometimes         1736         11%         11           Often         2293         14%         13           All of the time         2293         14%         13           All of the time         2293         14%         13           Never         6477         40%         40           Rarely         2415         15%         40           Rarely         2415         15%         15           Sometimes         2944         14%         14           YouTube         2         13         4           Response         Response         Response         Response         Response	Response			National %
Rarely         1512         9%         10           Sometimes         1262         3%         8           Often         938         6%         8           All of the time         1564         10%         11           Twitter           Response         Response         Response         National           Never         6753         42%         44           Rarely         1644         10%         11           Often         2293         14%         13           All of the time         273         23         22           Vine           Response         # for Response         Response         Response         Nevern         6477         40%         40           Rarely         2415         15%         40         40           Rarely         2415         15%         41         40           Rarely         2415         15%         41         44         44         44         44         44         44         44         44         44         44         44         44         44         44         44         44         44         44         44 <t< td=""><td>Never</td><td></td><td></td><td>65%</td></t<>	Never			65%
Sometimes         1262         8%         8           Often         338         6%         6           All of the time         1564         1564         6           Twitter         1         1         1           Response         # of Responses         Response         National Responses         Response         National Responses         Author 1           Never         6753         4         4         1         1         1           Sometimes         1736         11%         11         1				10%
All of the time         1564         10%         11           Twitter         Response         # of Response         % of Response         Automate           Never         6753         42%         44           Rarely         1644         10%         11           Sometimes         1736         11%         11           Often         2293         14%         13           All of the time         3735         23%         22           Vine         ***	•	1262	8%	8%
Response         # of Response Res	Often	938	6%	6%
Response         # 65 Responses         National Responses         National Responses         National Responses         National Responses         Add 44           Rarely         1644         100         11           Sometimes         1736         11%         11           Often         2293         14%         13           All of the time         3735         230         22           Vine         # 67         Kesponse         Response         National Response	All of the time	1564	10%	11%
Response         Responses         Responses         National           Never         6753         42%         44           Rarely         1644         10%         11           Sometimes         1736         11%         11           Often         2293         14%         13           All of the time         3735         23%         22           Vine         Response         Response         Response         Response         Response         2415         15%         15           Sometimes         2944         18%         17           Often         2231         14%         14           All of the time         2021         13%         14           YouTube         Response         ## of Response         Response         ## of Response         All of the time         3509         22%         20           Often         4824         30%         29           All of the time         5967         37%         40           Sometimes         3509         22%         20           Often         4824         30%         29	Twitter			
Never	Response			National %
Rarely         1644         10%         11           Sometimes         1736         11%         11           Often         2293         14%         13           All of the time         3735         23%         22           Vine         7         40%         20           Response         Response         Response         Response         National Response<				
Sometimes         1736         11%         11           Often         2293         14%         13           All of the time         3735         23%         22           Vine         Responses         Responses         Responses         Responses         Responses         Responses         Responses         Nometimes         15%         15           50metimes         2944         18%         17           Often         2231         14%         14           4 In of the time         2021         13%         14           YouTube         ***         ***         ***         ***         Nometimes         ***         Nometimes         ***         Nometimes         ***         Nometimes         ***         Nometimes         ***         Nometimes         ***         ***         Nometimes         ***         ***         Nometimes         ***				44%
Often         2293         14%         13           All of the time         3735         23%         22           Vine         2         2         2           Response         # of Responses Responses Responses Responses Responses Responses         Notional Responses Responses Responses         Notional Response Responses         Notional Response Responses         15%         15         16         15         16         15         16         16         16         16	•			
All of the time         3735         23%         22 color           Response         # of Responses         # of Responses         National Responses         National Responses         National Responses         National Responses         National Responses         15         15         15         15         15         15         15         15         15         15         15         15         15         14				13%
Vine         Response         # of Responses         % of Responses         National Responses           Never         6477         40%         40           Rarely         2415         15%         15           Sometimes         2944         11%         14           Often         2231         14%         14           All of the time         2021         13%         14           YouTube         # of Responses         Responses         National				22%
Response         Responses         Responses         National           Never         6477         40%         40           Rarely         2415         15%         15           Sometimes         2944         18%         17           Often         2231         14%         14           All of the time         2021         13%         14           YouTube         Response         Responses         Responses         Responses         Responses         National Responses         Responses         National Responses         National Responses         Responses         National Responses         Responses         Responses         National Responses         Responses         National Responses         Responses         Responses         National Responses         Responses </td <td></td> <td>3733</td> <td>23/0</td> <td>2270</td>		3733	23/0	2270
Never         6477         40%         40           Rarely         2415         15%         15           Sometimes         2944         18%         17           Often         2231         14%         14           All of the time         2021         13%         14           YouTube           # of Response         # of Responses         National Responses         National Responses         National Responses         National Responses         4           Rarely         1309         8%         7         7         5           Sometimes         3509         22%         20 <t< td=""><td>Response</td><td></td><td></td><td>National %</td></t<>	Response			National %
Rarely         2415         15%         15           Sometimes         2944         18%         17           Often         2231         14%         14           All of the time         2021         13%         14           YouTube         # of Response         % of Responses         National Responses         National Responses         National Responses         National Responses         National Response         National Responses			•	
Sometimes         2944         18%         17           Often         2231         14%         14           All of the time         2021         13%         14           YouTube         Response         Responses         Responses         Responses         National Respo				
Often         2231         14%         144           All of the time         2021         13%         14           YouTube         # of Response         % of Responses         National Responses           Never         613         4%         4           Rarely         1309         8%         7           Sometimes         3509         22%         20           Often         4824         30%         29           All of the time         5967         37%         40           Social messaging apps (like Facebook messenger, WhatsApp, KIK)           Response         # of Responses         % of Responses         National Responses           Never         4937         30%         25           Rarely         2582         16%         13           Sometimes         2629         16%         16           Often         2399         15%         17           105, Project Tomorrow         105         105         17	•			17%
All of the time				14%
YouTube         # of Responses         % of Responses         National Responses           Never         613         4%         4           Rarely         1309         8%         7           Sometimes         3509         22%         20           Often         4824         30%         29           All of the time         5967         37%         40           Social messaging apps (like Facebook messenger, WhatsApp, KIK)         # of Responses         % of Responses         National Responses           Never         4937         30%         25           Rarely         2582         16%         13           Sometimes         2629         16%         16           Often         2399         15%         17           915, Project Tomorrow         150         150         150				14%
Response         # of Responses         % of Responses         National Responses           Never         613         4%         4           Rarely         1309         8%         7           Sometimes         3509         22%         20           Often         4824         30%         29           All of the time         5967         37%         40           Social messaging apps (like Facebook messenger, WhatsApp, KIK)         # of Responses         % of Responses         National Response         National Responses         National Res		2021	1370	1470
Never         613         4%         4           Rarely         1309         8%         7           Sometimes         3509         22%         20           Often         4824         30%         29           All of the time         5967         37%         40           Social messaging apps (like Facebook messenger, WhatsApp, KIK)           Response         Responses         Responses         National           Rarely         4937         30%         25           Rarely         2582         16%         13           Sometimes         2629         16%         16           Often         2399         15%         17           2015, Project Tomorrow         300         25         17	Response			National %
Rarely       1309       8%       7         Sometimes       3509       22%       20         Often       4824       30%       29         All of the time       5967       37%       40         Social messaging apps (like Facebook messenger, WhatsApp, KIK)         # of Responses       % of Responses       National         Never       4937       30%       25         Rarely       2582       16%       13         Sometimes       2629       16%       16         Often       2399       15%       17         015, Project Tomorrow				4%
Sometimes       3509       22%       20         Often       4824       30%       29         All of the time       5967       37%       40         Social messaging apps (like Facebook messenger, WhatsApp, KIK)         # of Responses       % of Responses       National Responses       National Responses       National Responses       13         Never       4937       30%       25       13         Sometimes       2629       16%       16         Often       2399       15%       17         015, Project Tomorrow				7%
Often         4824         30%         29           All of the time         5967         37%         40           Social messaging apps (like Facebook messenger, WhatsApp, KIK)           Response         # of Responses         % of Responses         National Responses           Rarely         4937         30%         25           Rarely         2582         16%         13           Sometimes         2629         16%         16           Often         2399         15%         17           15, Project Tomorrow	•			20%
All of the time       5967       37%       40         Social messaging apps (like Facebook messenger, WhatsApp, KIK)       # of Responses       % of Responses       National         Never       4937       30%       25         Rarely       2582       16%       13         Sometimes       2629       16%       16         Often       2399       15%       17         015, Project Tomorrow				29%
Social messaging apps (like Facebook messenger, WhatsApp, KIK)           Response         # of Responses         % of Responses         National Responses           Never         4937         30%         25           Rarely         2582         16%         13           Sometimes         2629         16%         16           Often         2399         15%         17           015, Project Tomorrow         300         2399         25%         20				40%
Response         # of Responses         % of Responses         National Responses           Never         4937         30%         25           Rarely         2582         16%         13           Sometimes         2629         16%         16           Often         2399         15%         17           015, Project Tomorrow         300 <td></td> <td></td> <td></td> <td></td>				
Never         4937         30%         25           Rarely         2582         16%         13           Sometimes         2629         16%         16           Often         2399         15%         17           015, Project Tomorrow         300 </td <td></td> <td></td> <td></td> <td>National %</td>				National %
Rarely       2582       16%       13         Sometimes       2629       16%       16         Often       2399       15%       17         015, Project Tomorrow       17       17				25%
Sometimes         2629         16%         16           Often         2399         15%         17           D15, Project Tomorrow         17         17         17				13%
Often 2399 15% 17 015, Project Tomorrow	•			16%
015, Project Tomorrow				17%
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All of the time	3635	22%	28%
Video messaging (like Skype, FaceTime)			
Response	# of Responses	% of Responses	National %
Never	4908	30%	29%
Rarely	3922	24%	23%
Sometimes	3362	21%	21%
Often	2109	13%	14%
All of the time	1814	11%	13%
Blogging sites (your own or others)			
Response	# of	% of	National %
Never	Responses 11435	Responses 72%	69%
Rarely	1987	12%	13%
Sometimes	1129	7%	8%
Often	623	4%	5%
All of the time	731	5%	5%
Stream TV/movies (like Hulu, Netflix)	/31	3/0	3/0
	# of	% of	
Response	Responses	Responses	National %
Never	3670	23%	21%
Rarely	1594	10%	10%
Sometimes	2615	16%	17%
Often	3509	22%	22%
All of the time	4652	29%	31%
Online games/apps (like Quiz Up, Candy Crush)			
Response	# of Responses	% of Responses	National %
Never	3625	23%	26%
Rarely	2762		4.00/
	2/02	17%	18%
Sometimes	3762	17% 23%	
Sometimes			22%
·	3762	23%	22% 17%
Sometimes Often	3762 3166	23% 20%	18% 22% 17% 16%
Sometimes Often All of the time Massively multiplayer online games (MMOG, MMORPG)	3762 3166	23% 20%	22% 17% 16%
Sometimes Often All of the time Massively multiplayer online games (MMOG, MMORPG) Response	3762 3166 2738 # of Responses	23% 20% 17% % of Responses	22% 17% 16% National %
Sometimes Often All of the time Massively multiplayer online games (MMOG, MMORPG)  Response Never	3762 3166 2738 # of Responses 8886	23% 20% 17% % of Responses 55%	22% 17% 16% National %
Sometimes Often All of the time Massively multiplayer online games (MMOG, MMORPG)  Response Never Rarely	3762 3166 2738 # of Responses 8886 1937	23% 20% 17% % of Responses 55% 12%	22% 17% 16% National % 53% 12%
Sometimes Often All of the time Massively multiplayer online games (MMOG, MMORPG)  Response Never Rarely Sometimes	3762 3166 2738 # of Responses 8886 1937 1799	23% 20% 17% % of Responses 55% 12% 11%	22% 17% 16% National % 53% 12% 11%
Sometimes Often All of the time Massively multiplayer online games (MMOG, MMORPG)  Response Never Rarely Sometimes Often	3762 3166 2738 # of Responses 8886 1937 1799 1469	23% 20% 17% % of Responses 55% 12% 11% 9%	22% 17% 16%  National % 53% 12% 11% 9%
Sometimes Often All of the time Massively multiplayer online games (MMOG, MMORPG)  Response Never Rarely Sometimes Often All of the time	3762 3166 2738 # of Responses 8886 1937 1799	23% 20% 17% % of Responses 55% 12% 11%	22% 17% 16% National % 53% 12% 11% 9%
Sometimes Often All of the time Massively multiplayer online games (MMOG, MMORPG)  Response Never Rarely Sometimes Often	3762 3166 2738 # of Responses 8886 1937 1799 1469 1946	23% 20% 17% % of Responses 55% 12% 11% 9% 12%	22% 17% 16% National % 53% 12% 11% 9%
Sometimes Often All of the time Massively multiplayer online games (MMOG, MMORPG)  Response Never Rarely Sometimes Often All of the time	3762 3166 2738 # of Responses 8886 1937 1799 1469	23% 20% 17% % of Responses 55% 12% 11% 9%	22% 17% 16%  National % 53% 12% 11% 9% 13%
Sometimes Often All of the time Massively multiplayer online games (MMOG, MMORPG)  Response Never Rarely Sometimes Often All of the time Special interest forums (like for games)	3762 3166 2738 # of Responses 8886 1937 1799 1469 1946	23% 20% 17%  % of Responses 55% 12% 11% 9% 12%	22% 17% 16%  National % 53% 12% 11% 9% 13%
Sometimes Often All of the time Massively multiplayer online games (MMOG, MMORPG)  Response Never Rarely Sometimes Often All of the time Special interest forums (like for games)  Response	3762 3166 2738 # of Responses 8886 1937 1799 1469 1946	23% 20% 17%  % of Responses 55% 12% 11% 9% 12% % of Responses	22% 17% 16% National % 53% 12% 11% 9% 13% National %
Sometimes Often All of the time Massively multiplayer online games (MMOG, MMORPG)  Response Never Rarely Sometimes Often All of the time Special interest forums (like for games)  Response Never	3762 3166 2738 # of Responses 8886 1937 1799 1469 1946 # of Responses 9209	23% 20% 17%  % of Responses 55% 12% 11% 9% 12% % of Responses 58%	22% 17%
Sometimes Often All of the time Massively multiplayer online games (MMOG, MMORPG)  Response Never Rarely Sometimes Often All of the time Special interest forums (like for games)  Response  Never Rarely	3762 3166 2738 # of Responses 8886 1937 1799 1469 1946 # of Responses 9209 2410	23% 20% 17%  % of Responses 55% 12% 11% 9% 12%  % of Responses 58% 15%	22% 17% 16% National % 53% 12% 11% 9% 13% National % 55% 15%

What would be the benefits of having video, online, or digital games as a part of your regular schoolwork or classroom activities? (Check all that apply)

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Response	# of Responses	% of Responses	National %
Games would make it easier to understand difficult topics	9734	62%	60%
I would develop critical thinking and problem solving skills	8047	51%	50%
I would be more interested in the subject	10160	65%	62%
I would feel more challenged in my schoolwork	3952	25%	27%
I would get immediate feedback on how much I learned	8599	55%	49%
It would be a more interesting way to practice problems	9696	62%	58%
I would go beyond the basic assignment and try new things through the game	6413	41%	39%
I would learn how to work in teams	4947	31%	33%
I would learn more about the subject	7024	45%	44%
I would be in charge of my learning	6488	41%	38%
Schoolwork could be personalized to my learning style	7234	46%	42%
Games could adapt to what I know and make it harder or easier for me	7423	47%	44%
Games would help show how I would use the topic in the real world	6008	38%	37%
I would learn skills that I can use in college or the workplace	5125	33%	32%
School would be more fun	9011	57%	53%
I don't think I would like playing games in school	2191	14%	15%

# Read these sentences. Check the box if you agree with them. As a result of using technology to support my learning...

. • • • • • • • • • • • • • • • • • • •			
Response	# of	% of	National %
Response	Responses	Responses	National 70
I collaborate more with my classmates	7788	52%	54%
I communicate more with my teacher	6845	46%	45%
I participate more in class discussions	5863	39%	39%
I am developing critical thinking and problem solving skills	6918	46%	47%
I am developing creativity skills	7682	52%	51%
I gain a better understanding of the class materials	7682	52%	51%
I spend more time mastering a skill or learning something	6327	42%	43%
I am able to learn at my own pace	9210	62%	59%
I have more control over my learning	8509	57%	54%
I am learning in a way that better fits my learning style	6910	46%	45%
I am more interested in what I am learning in class	6095	41%	40%
My test scores and grades are better	6384	43%	42%
I am more likely to complete homework assignments	7257	49%	46%
My learning does not stop at the end of the class period or school day	5296	36%	34%

# How often do you engage in the following activities because you want to learn a skill or know more about something educational that interests you (but not just because it was an assignment or homework)?

### Research a website to learn more about a topic

Documents	# of	% of	National %
Response	Responses	Responses	National %
Never	1524	10%	10%
Rarely	2736	18%	17%
Sometimes	5879	39%	37%
Often	3729	24%	25%
All of the time	1380	9%	11%
Read an online news story or report			

report

Response	# of	% of	National %
Response	Responses	Responses	ivational /0
Never	2260	15%	15%

Rarely	3697	24%	24
Sometimes	5287	35%	34
Often	2837	19%	19
All of the time  Watch a video to learn how to do something	1049	7%	
Response	# of	% of	Nationa
	Responses	Responses	
Never	1140	8%	1
Rarely	2127	14%	1
Sometimes Often	5249 4358	35% 29%	3 2
All of the time	2126	14%	1
Watch a TedTalk or similar short videos about people's ideas	2120	14%	1
Response	# of	% of	Nation
	Responses	Responses	
Never	6455	43%	4
Rarely	3806	25%	2
Sometimes	3093	20%	2
Often	1196	8%	
All of the time	581	4%	
Post a question on a discussion board or forum	# of	% of	
Response	Responses	Responses	Nation
Never	8900	59%	5
Rarely	3081	20%	2
Sometimes	2091	14%	1
Often	654	4%	
All of the time	312	2%	
Use social media to identify people who share my interests			
Response	# of Responses	% of Responses	Nation
Never	5076	34%	3
Rarely	2765	18%	1
Sometimes	3674	24%	2
Often	2273	15%	1
All of the time	1332	9%	
Use social media to learn what others are doing or thinking about a t	topic that interests m	е	
Response	# of Responses	% of Responses	Nation
Never	4565	30%	3
Rarely	2651	18%	1
Sometimes	3880	26%	2
Often	2458	16%	1
All of the time	1492	10%	1
Find experts online to answer my questions			
Response	# of Responses	% of Responses	Nation
	6249	42%	3
Never	0= 13		
Never Rarely	3301	22%	2
		22% 22%	2
Rarely	3301		

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	All of the time  Take a self-paced tutorial or online class	696	5%	6%
	Response	# of	% of	National %
		Responses	Responses	
	Never	8430 2826	56% 19%	51% 19%
	Rarely Sometimes	2366	16%	18%
	Often	857	6%	7%
	All of the time	448	3%	4%
	Play an online game or virtual simulation activity	440	370	470
		# of	% of	
	Response	Responses	Responses	National %
	Never	4633	31%	32%
	Rarely	3284	22%	21%
	Sometimes	3859	26%	25%
	Often	1974	13%	13%
	All of the time	1280	8%	9%
	Use online writing tools to improve my writing			
	Response	# of	% of	National %
		Pachancac	Pachancac	rtational /o
	Never	Responses 7099	Responses 47%	
	Never Rarely	7099 3118	47%	43%
	Rarely	7099 3118	47% 21%	43% 20%
		7099	47%	43%
	Rarely Sometimes	7099 3118 2861	47% 21% 19%	43% 20% 21%
24	Rarely Sometimes Often	7099 3118 2861 1202 744	47% 21% 19% 8% 5%	43% 20% 21% 9% 6%
24	Rarely Sometimes Often All of the time Imagine you are designing your dream school. Which of these tools would have	7099 3118 2861 1202 744 re the greate	47% 21% 19% 8% 5% est positive	43% 20% 21% 9% 6%
24	Rarely Sometimes Often All of the time Imagine you are designing your dream school. Which of these tools would have your learning? (Check all that apply) Response	7099 3118 2861 1202 744 re the greate # of Responses	47% 21% 19% 8% 5% est positive % of Responses	43% 20% 21% 9% 6% impact on
24	Rarely Sometimes Often All of the time Imagine you are designing your dream school. Which of these tools would have your learning? (Check all that apply)  Response Internet access anywhere at school	7099 3118 2861 1202 744 re the greate # of Responses 13416	47% 21% 19% 8% 5% est positive % of Responses 87%	43% 20% 21% 9% 6% impact on National %
24	Rarely Sometimes Often All of the time Imagine you are designing your dream school. Which of these tools would hav your learning? (Check all that apply)  Response Internet access anywhere at school Freedom to use my own mobile devices	7099 3118 2861 1202 744 re the greate # of Responses 13416 11993	47% 21% 19% 8% 5% est positive % of Responses 87% 77%	43% 20% 21% 9% 6% impact on National % 83% 72%
24	Rarely Sometimes Often All of the time Imagine you are designing your dream school. Which of these tools would have your learning? (Check all that apply)  Response Internet access anywhere at school Freedom to use my own mobile devices School provides every student with a mobile device	7099 3118 2861 1202 744 re the greate # of Responses 13416 11993 7964	47% 21% 19% 8% 5% est positive % of Responses 87% 77% 51%	43% 20% 21% 9% 6% impact on  National % 83% 72% 47%
24	Rarely Sometimes Often All of the time Imagine you are designing your dream school. Which of these tools would hav your learning? (Check all that apply)  Response Internet access anywhere at school Freedom to use my own mobile devices	7099 3118 2861 1202 744 re the greate # of Responses 13416 11993	47% 21% 19% 8% 5% est positive % of Responses 87% 77%	43% 20% 21% 9% 6% impact on National % 83% 72%
24	Rarely Sometimes Often All of the time Imagine you are designing your dream school. Which of these tools would have your learning? (Check all that apply)  Response Internet access anywhere at school Freedom to use my own mobile devices School provides every student with a mobile device Mobile device accessories (like attachable keyboards, covers) Things like databases, digital books, animations, and videos to help with schoolwork	7099 3118 2861 1202 744 re the greate # of Responses 13416 11993 7964 9012	47% 21% 19% 8% 5% est positive % of Responses 87% 77% 51% 58%	43% 20% 21% 9% 6% impact on National % 83% 72% 47% 52%
24	Rarely Sometimes Often All of the time Imagine you are designing your dream school. Which of these tools would have your learning? (Check all that apply)  Response Internet access anywhere at school Freedom to use my own mobile devices School provides every student with a mobile device Mobile device accessories (like attachable keyboards, covers) Things like databases, digital books, animations, and videos to help with	7099 3118 2861 1202 744 re the greate # of Responses 13416 11993 7964 9012	47% 21% 19% 8% 5% est positive % of Responses 87% 77% 51% 58%	43% 20% 21% 9% 6% impact on  National % 72% 47% 52% 62%

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9626

9764

9733

6854

8213

7796

6563

7255

9603

7450

9112

9954

8352

62%

63%

63%

44%

53%

50%

42%

47%

62%

48%

59%

64%

54%

58%

60%

60%

40%

51%

51%

44%

46%

58%

48%

56%

60%

52%

"Digital backpack" to help organize your work and access important

information (like take notes, organize, and view assignments)

A handheld device to answer questions in class (like clickers)

Interactive whiteboards (like Smartboard, Polyvision)

Learning management systems (like Blackboard)

Digital media creation tools (like video, audio)

Mobile apps for learning

Digital reader (like Kindle, Nook)

3D printer

School mobile app

Online textbooks

Online tutors

Online or virtual classes

Online tests and assessments

# Speak Up 2014 State Data Grade 9-12

	Social media tools to connect and work with others (like blogs, wikis, social	7610	49%	48%
	networking sites) Text messaging	9826	63%	59%
	Google hangouts or other online group messaging in class	7207	47%	47%
	Other	882	6%	6%
25	How much do you agree with these statements?	002	070	070
23	There is at least one adult at school that I can talk to about school or personal	l nrohlems		
		# of	% of	
	Response	Responses	Responses	National %
	Strongly disagree	1759	12%	13%
	Disagree	1720	11%	12%
	Neither agree nor disagree	3280	22%	22%
	Agree	5376	35%	34%
	Strongly agree	3022	20%	19%
	I believe that my school cares about me as a person			
	Response	# of	% of	National %
	Strongly disagree	Responses 1700	Responses 11%	11%
	Disagree	2167	14%	14%
	Neither agree nor disagree	4847	32%	33%
	Agree	4969	33%	32%
	Strongly agree	1428	9%	10%
	Teachers are important to my learning	1420	370	10/0
	reactions are important to my learning	# of	% of	
	Response	Responses	Responses	National %
	Strongly disagree	542	4%	4%
	Disagree	666	4%	5%
	Neither agree nor disagree	2871	19%	20%
	Agree	7094	47%	46%
	Strongly agree	3798	25%	25%
	Doing well in school is important to me			
	Response	# of	% of	National %
	Strongly disagree	Responses 289	Responses 2%	2%
	Disagree	258	2%	2%
	Neither agree nor disagree	1519	10%	11%
	Agree	4548	30%	30%
	Strongly agree	8306	56%	54%
	I am interested in what I am learning at school	0300	3070	3170
		# of	% of	
	Response	Responses	Responses	National %
	Strongly disagree	812	5%	5%
	Disagree	1624	11%	9%
	Neither agree nor disagree	5145	34%	32%
	Agree	5684	38%	39%
	Strongly agree	1697	11%	14%
	Using technology in my classes increases my engagement in learning			
	Response	# of	% of	National %
	Strongly disagree	Responses 1014	Responses 7%	6%
	Disagree	1454	10%	8%
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# Speak Up 2014 State Data Grade 9-12

Neither agree nor disagree	4760	32%	30%
Agree	5304	35%	37%
Strongly agree	2495	17%	19%
I like learning how to do things	2433	1770	1370
Response	# of	% of	National %
Strongly disagree	Responses 335	Responses 2%	3%
Disagree	391	3%	3%
Neither agree nor disagree	2976	20%	19%
Agree	7390	49%	47%
Strongly agree	3887	26%	28%
I like learning about new ideas	3007	2070	2070
Response	# of	% of	National %
Strongly disagree	Responses 373	Responses 2%	3%
Disagree	452	3%	3%
Neither agree nor disagree	3195	21%	20%
Agree	7150	48%	46%
Strongly agree	3775	25%	27%
I wish my classes were more interesting	3773	2570	2770
Response	# of	% of	National %
	Responses	Responses	
Strongly disagree	362	2%	3%
Disagree	613	4%	5%
Neither agree nor disagree	3287	22%	23%
Agree	5014	34%	33%
Strongly agree	5622	38%	37%
I would learn more if my classes used more technology to support my learning		0/ . 5	
Response	# of Responses	% of Responses	National %
Strongly disagree	1169	8%	7%
Disagree	1946	13%	12%
Neither agree nor disagree	5905	39%	38%
Agree	3720	25%	27%
Strongly agree	2202	15%	17%
I am learning important things for my future on my own outside of school			
Response	# of Responses	% of Responses	National %
Strongly disagree	706	5%	5%
Disagree	1365	9%	9%
Neither agree nor disagree	4324	29%	29%
Agree	5433	37%	36%
Strongly agree	3043	20%	21%
I like learning when I can be in control of when and how I learn			
Response	# of	% of	National %
Strongly disagree	Responses 462	Responses 3%	3%
Disagree	813	5%	6%
Neither agree nor disagree	4261	29%	29%
Agree	5843	39%	38%
Strongly agree	3508	24%	24%
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The subjects that I am learning at school are important for my future			
Response	# of	% of	National %
Strongly disagree	Responses 1058	Responses 7%	7%
Disagree	1902	13%	11%
Neither agree nor disagree	4740	32%	30%
Agree	5004	34%	34%
Strongly agree	2149	14%	17%
The skills that I am learning at school are important for my future			
Response	# of Responses	% of Responses	National %
Strongly disagree	908	6%	6%
Disagree	1449	10%	9%
Neither agree nor disagree	4371	30%	28%
Agree	5636	38%	38%
Strongly agree	2434	16%	19%
I am often bored in my classes at school			
Response	# of	% of	National %
Strongly disagree	Responses 618	Responses 4%	5%
Disagree	1252	8%	9%
Neither agree nor disagree	4208	28%	29%
Agree	4668	31%	30%
Strongly agree	4132	28%	26%
I don't like school			
Response	# of	% of	National %
Strongly disagree	Responses 1991	Responses 13%	15%
Disagree	2921	20%	19%
Neither agree nor disagree	5040	34%	34%
Agree	2424	16%	16%
Strongly agree	2375	16%	16%
Which of these have been problems for students at your school? (Check all th	at apply)		
Response	# of	% of	National %
Approached by strangers online	Responses 2420	Responses 18%	20%
Sharing too much personal information online	5081	38%	39%
Seeing websites with inappropriate content	3829	29%	30%
Students using others' ideas as their own (like plagiarism)	6738	50%	47%
Being harassed online with hurtful texts or photos	5026	38%	36%
Sharing suggestive texts or photos	4655	35%	34%
Strangers asking to meet in person	1862	14%	17%
Spending too much time online	6933	52%	49%
Students using mobile devices to cheat	6470	48%	46%
Students' mobile devices have been stolen	6491	49%	51%
Students using their mobile devices in class when it is not allowed or appropriate	8215	61%	56%
Students' personal school data has been shared without their permission	2528	19%	21%

Has your school explained to you how they are protecting personal information about you (like grades, test scores, discipline records) that is stored on school or district computers?

Response	# of	% of	National %
Response	Responses	Responses	National 70
Yes	5174	35%	38%
No	9557	65%	62%

# 30 Are you participating in any of these programs at your school this year? (Check all that apply)

	• •	• •	
Response	# of	% of	National %
nesponse	Responses	Responses	ivational /0
Apprenticeship Programs	636	5%	5%
AVID (Advancement Via Individual Determination)	327	2%	7%
Computer programming club (coding)	661	5%	6%
Future Teacher Academies	435	3%	4%
Gear UP	399	3%	4%
B (International Baccalaureate)	367	3%	4%
IROTC (Junior Reserve Officer Training Corps)	401	3%	6%
MUN (Model United Nations) or Model Congress	369	3%	3%
School Video Production Team	512	4%	5%
STEM (Science, Technology, Engineering, and Mathematics) Academies	1148	8%	10%
Student Government	950	7%	7%
Student Tech Support Team	418	3%	4%
Talent Search	491	4%	4%
Visual and Performing Arts Academies	1655	12%	12%
None of the above	9590	70%	61%